

Title (en)
AUTOMATIC ANALYSIS DEVICE AND METHOD

Title (de)
VORRICHTUNG UND VERFAHREN FÜR AUTOMATISCHE ANALYSEN

Title (fr)
DISPOSITIF ET PROCÉDÉ D'ANALYSE AUTOMATIQUE

Publication
EP 2876433 B1 20221005 (EN)

Application
EP 13820458 A 20130614

Priority
• JP 2012161846 A 20120720
• JP 2013066483 W 20130614

Abstract (en)
[origin: EP2876433A1] To enable determination of if there is an influence of foreign-body reactions on the result of quantitative determination conducted with a scattered light measurement method. Proposed is an automatic analysis device including a light source configured to irradiate a reaction solution with light, a plurality of light receivers configured to receive scattered light generated from the reaction solution at different light-receiving angles, a first data processing unit configured to process reaction process data measured by one of the light receivers to quantitatively determine a concentration of a substance in the reaction solution, and a second data processing unit configured to determine if the quantitative determination of the concentration of the substance has been performed normally on the basis of a ratio of a plurality of computed values, the plurality of computed values having been calculated from a plurality of pieces of reaction process data measured by the respective light receivers.

IPC 8 full level
G01N 15/14 (2006.01); **G01N 21/25** (2006.01); **G01N 21/27** (2006.01); **G01N 21/51** (2006.01); **G01N 21/82** (2006.01); **G01N 35/02** (2006.01); **G01N 21/31** (2006.01); **G01N 21/47** (2006.01); **G01N 35/00** (2006.01)

CPC (source: EP US)
G01N 15/1434 (2013.01 - EP US); **G01N 21/253** (2013.01 - EP US); **G01N 21/272** (2013.01 - EP US); **G01N 21/49** (2013.01 - US); **G01N 21/51** (2013.01 - EP US); **G01N 21/82** (2013.01 - EP US); **G01N 35/025** (2013.01 - EP US); **G01N 21/31** (2013.01 - EP US); **G01N 2021/4711** (2013.01 - EP US); **G01N 2021/825** (2013.01 - EP US); **G01N 2035/00396** (2013.01 - EP US); **G01N 2201/02** (2013.01 - US); **G01N 2201/062** (2013.01 - EP US); **Y10T 436/11** (2015.01 - EP US)

Cited by
CN107132301A; EP2799882B1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2876433 A1 20150527; **EP 2876433 A4 20160713**; **EP 2876433 B1 20221005**; CN 104471381 A 20150325; CN 104471381 B 20160928; JP 2014021008 A 20140203; JP 5948173 B2 20160706; US 2015219556 A1 20150806; US 9557264 B2 20170131; WO 2014013823 A1 20140123

DOCDB simple family (application)
EP 13820458 A 20130614; CN 201380038592 A 20130614; JP 2012161846 A 20120720; JP 2013066483 W 20130614; US 201314414782 A 20130614